

(20) *Logical mining unit (LMU) recoverable coal reserves* means the sum of estimated Federal and non-Federal recoverable coal reserves in the LMU.

(21) *Maximum economic recovery (MER)* means that, based on standard industry operating practices, all profitable portions of a leased Federal coal deposit must be mined. At the times of MER determinations, consideration will be given to: existing proven technology; commercially available and economically feasible equipment; coal quality, quantity, and marketability; safety, exploration, operating, processing, and transportation costs; and compliance with applicable laws and regulations. The requirement of MER does not restrict the authority of the authorized officer to ensure the conservation of the recoverable coal reserves and other resources and to prevent the wasting of coal.

(22) *Methods of operation* means the methods and manner, described in an exploration or resource recovery and protection plan, by which exploration, development, or mining activities are to be performed by the operator/lessee.

(23) *Mineable reserve base* means that portion of the coal reserve base which is commercially mineable and includes all coal that will be left, such as in pillars, fenders, or property barriers. Other areas where mining is not permissible (including, but not limited to, areas classified as unsuitable for coal mining operations) shall be excluded from the mineable reserve base.

(24) *Mine* means an underground or surface excavation or series of excavations and the surface or underground support facilities that contribute directly or indirectly to mining, production, preparation, and handling of coal.

(25) *MLA* means the Act of February 25, 1920, as amended, commonly referred to as the Mineral Leasing Act and codified at 30 U.S.C. 181, *et seq.*, and the Mineral Leasing Act for Acquired Lands, as amended, 30 U.S.C. 351-359.

(26) *Notice of availability* means formal notification by the authorized officer to: appropriate Federal, State, and local government agencies; to the surface and mineral owners; and to the public in accordance with 43 CFR 3481.2.

(27) *Operator/lessee* means lessee, licensee, and/or one conducting operations on a Federal lease or license under a written contract or written agreement with the lessee or licensee.

(28) *Permanent abandonment of exploration operations* means the completion of all activities conducted under an approved exploration plan, including plugging of all drill holes, submission of required records, and reclamation of all disturbed surfaces.

(29) *Permanent abandonment of mining operations* means the completion of all development, production, and resource recovery and protection requirements conducted under an approved resource recovery and protection plan, including satisfaction of all Federal rental and royalty requirements.

(30) *Preparation* means any physical or chemical treatment to prepare coal for market. Treatment may include crushing, sizing, drying, mixing, or other processing, and removal of noncoal waste such as bone or other impurities to enhance the quality and therefore the value of the coal.

(31) *Production* means mining of recoverable coal reserves and/or commercial byproducts from a mine using surface, underground, auger, or *in situ* methods.

(32) *Recoverable coal reserves* means the mineable reserve base excluding all coal that will be left, such as in pillars, fenders, and property barriers.

(33) *Resource recovery and protection* includes practices to: recover efficiently the recoverable coal reserves subject to these rules; avoid wasting or loss of coal or other resources; prevent damage to or degradation of coal-bearing or mineral-bearing formations; ensure MER of the Federal coal; and ensure that other resources are protected during exploration, development, and mining, and upon abandonment.

(34) *Resource recovery and protection plan* means a plan showing that the proposed operation meets the requirements of MLA for development, production, resource recovery and protection, diligent development, continued operation, MER, and the rules of this part for the life-of-the-mine.

(35) *State Director* means an employee of the Bureau of Land Management who has been designated as the chief

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administrative officer of one of the Bureau's 12 administrative areas designated as "States".

(36) *Subsidence* means a lowering of surface elevations over an underground mine caused by loss of support and subsequent settling or caving of strata lying above the mine.

(b) The following shall have the meanings as defined at 30 CFR Chapter VII:

*Alluvial valley floors*  
*Federal Lands Program*  
*Ground water*  
*Indian lands*  
*Overburden*  
*Permit*  
*Permit application*  
*Permit application package*  
*Permit area*  
*Regulatory authority*  
*Roads*  
*Spoil*

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### § 3480.0-6 Responsibilities.

(a) *Responsibilities of other Federal Agencies*—(1) *Office of Surface Mining Reclamation and Enforcement*. The responsibility for administration of the Surface Mining Control and Reclamation Act of 1977 (SMCRA) (30 U.S.C. 1201, *et seq.*) is vested in OSM.

(2) *Mine Safety and Health Administration*. The responsibility for enforcement of the Federal Coal Mine Health and Safety Act of 1969, as amended (83 Stat. 742), and the coal mine health and safety rules contained in Chapter I of this title are vested in the Mine Safety and Health Administration, Department of Labor.

(3) *Bureau of Land Management*. The responsibility for the issuance of exploration licenses for unleased Federal coal, the issuance of licenses to mine, and the issuance, readjustment, modification, termination, cancellation, and/or approval of transfers of Federal coal leases pursuant to MLA, as amended, is vested in the Bureau of Land Management.

(b) The BLM has the general responsibility to administer MLA with respect to coal mining, production, and resource recovery and protection operations on Federal coal leases and li-

censes, and to supervise exploration operations for Federal coal.

(c) Subject to the supervisory authority of the Secretary, the rules of this part shall be administered by BLM through the Director; Deputy Director for Energy and Mineral Resources; Chief, Division of Solid Mineral Operations; State Director and authorized officer.

(d) The authorized officer is empowered to oversee exploration, development, production, resource recovery and protection, diligent development, continued operation, preparation, handling, product verification, and abandonment operations subject to the rules of this part, and shall be responsible for the following:

(1) *Exploration plans*. Approve, disapprove, approve upon condition(s), or require modification to exploration plans for Federal coal.

(2) *Resource recovery and protection plans*. Recommend to the Assistant Secretary for Energy and Minerals the approval, disapproval, or approval upon condition(s) of resource recovery and protection plans.

(3) *LMU applications*. Approve, disapprove, or approve upon condition(s) LMU applications or modifications thereto; direct the establishment of LMU's in the interest of conservation of recoverable coal reserves and other resources; conduct public hearings on LMU applications, as appropriate, recommend amendments to Federal lease terms when determined necessary to ensure consistency with LMU stipulations; monitor and ensure compliance with LMU stipulations and the rules of this part; and require reports and information for the establishment of an LMU.

(4) *Inspection of operations*. Examine as frequently as necessary, but at least quarterly, federally leased or licensed lands where operations for exploration, development, production, preparation, and handling of coal are conducted or are to be conducted; inspect such operations for product verification, resource recovery and protection, MER, diligent development and continued operation; inspect such operations for the purpose of determining whether wasting or degradation of other resources or damage to formations and deposits